

Appendix A. Use of contraception at last sexual intercourse by age and race/ethnicity among women aged 18-44 years at risk for unintended pregnancy* — selected states where mosquito-borne transmission may be possible — 10 states[†] with state-added questions on reproductive health, Behavioral Risk Factor Surveillance System (BRFSS), 2013, 2 states[§] with state-added questions on reproductive health, BRFSS, 2012 and 5 states[¶] with state-added questions on reproductive health, BRFSS, 2011

	Highly effective, reversible (LARC)**											
	Age (years)						Race/ethnicity ^{¶¶}					
	18-24		25-34		35-44		Non-Hispanic White		Non-Hispanic black		Hispanic	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
<i>State</i>												
Arizona	— ^{***}		—		—		—		—		—	
Colorado	14.6	(8.0-25.4)	18.4	(13.0-25.5)	12.6	(8.7-18.1)	13.8	(10.4-18.0)	—		23.2	(14.8-34.6)
Connecticut	—		9.6	(5.7-15.9)	9.1	(5.9-13.8)	7.4	(4.8-11.3)	—		—	
Florida	—		—		—		—		—		—	
Kentucky	—		9.0	(5.7-14.1)	6.7	(4.3-10.3)	7.3	(5.3-9.9)	—		—	
Massachusetts	—		15.3	(10.1-22.7)	16.8	(11.9-23.3)	15	(10.9-20.2)	—		—	
Mississippi	—		9.9	(5.7-16.6)	—		8.6	(5.2-14.0)	—		0	
Missouri	—		9.7	(5.4-16.8)	—		7.0	(4.6-10.6)	—		0	
New York	—		—		6.3	(3.6-10.7)	10.4	(6.9-15.3)	—		—	
North Carolina	—		11.8	(7.1-18.8)	8.0	(4.9-12.9)	8.5	(5.6-12.7)	—		—	
Ohio	—		13.5	(8.1-21.6)	9.0	(5.9-13.4)	10.6	(7.6-14.6)	—		—	
Pennsylvania	8.1	(5.0-13.0)	8.9	(6.4-12.2)	6.0	(4.2-8.3)	7.3	(5.7-9.3)	—		—	
South Carolina	—		8.5	(5.3-13.3)	6.1	(4.0-9.0)	5.8	(4.2-7.9)	—		—	
Tennessee	—		—		5.2	(3.0-8.9)	—		—		—	
Texas	—		—		—		—		—		—	
Utah	17.3	(9.8-28.5)	24.9	(19.0-31.9)	13.2	(9.4-18.2)	17.6	(14.0-21.8)	0		26.3	(16.5-39.2)
Vermont	—		14.8	(10.3-20.8)	16.4	(12.1-21.8)	13.8	(10.9-17.3)	0		0	

* Women were considered at risk for unintended pregnancy if they were not currently pregnant, were sexually active (not abstinent), and, the last time they had sex, had not had a hysterectomy, did not have a same sex partner, and did not want a pregnancy.

[†] Arizona, Connecticut, Kentucky, Massachusetts, Mississippi, New York (data collected April 2013-March 2014), Ohio, Texas, Utah, and Vermont.

[§] Pennsylvania and Colorado.

[¶] Florida, Missouri, North Carolina, South Carolina, and Tennessee.

** Highly effective, reversible contraceptive methods or long-acting reversible contraception (LARC) include intrauterine devices and implants.

†† Moderately effective contraceptive methods include shots, pills, patch, and vaginal ring.

§§ Less effective contraceptive methods include diaphragm, condoms (male or female), cervical cap, sponge, withdrawal, spermicide, fertility-based awareness methods, emergency contraception, and “other.” Respondents answering “other” were given the opportunity to write in a response, which was evaluated and re-classified into existing contraceptive method options as appropriate. For Connecticut, Kentucky, Massachusetts, Mississippi, Ohio, Texas and Utah, text responses for “other” contraception were evaluated and re-classified into appropriate categories when possible. The text field was not available for other states.

¶¶ Other non-Hispanic race/ethnicity not shown due to small sample size.

*** Estimate is unreliable (relative standard error > 30% or denominator < 50).

Note: Women using permanent contraception were included in the denominator for all estimates.

Appendix A, continued. Use of contraception at last sexual intercourse by age and race/ethnicity among women aged 18-44 years at risk for unintended pregnancy* — selected states where mosquito-borne transmission may be possible — 10 states† with state-added questions on reproductive health, Behavioral Risk Factor Surveillance System (BRFSS), 2013, 2 states§ with state-added questions on reproductive health, BRFSS, 2012 and 5 states¶ with state-added questions on reproductive health, BRFSS, 2011

State	Moderately effective††											
	Age (years)						Race/ethnicity¶¶					
	18-24		25-34		35-44		Non-Hispanic White		Non-Hispanic black		Hispanic	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Arizona	—***		25.4	(14.6-40.5)	—		14.8	(8.9-23.5)	—		20.2	(11.1-34.1)
Colorado	40.7	(29.1-53.5)	36.2	(29.1-43.9)	13.4	(9.6-18.4)	30.7	(25.7-36.2)	—		18.1	(11.3-27.7)
Connecticut	38.0	(22.1-57.1)	31.1	(22.2-41.6)	12.5	(8.8-17.5)	32.9	(24.6-42.4)	—		—	
Florida	—		19.5	(14.0-26.4)	13.8	(9.9-19.0)	19	(14.5-24.1)	—		—	
Kentucky	42.6	(33.5-52.2)	22.4	(16.5-29.7)	12.9	(9.6-17.0)	24.5	(20.7-28.7)	—		—	
Massachusetts	33.0	(21.3-47.4)	24.6	(18.0-32.6)	16.5	(12.0-22.2)	26.2	(20.7-32.5)	—		18.3	(10.4-30.1)
Mississippi	32.6	(22.5-44.6)	21.7	(15.3-29.7)	12.9	(8.1-19.9)	24.2	(18.0-31.8)	16.2	(11.4-22.5)	—	
Missouri	24.9	(13.7-41.0)	20.0	(13.4-28.9)	11.1	(7.5-16.2)	18.6	(13.9-24.5)	—		—	
New York	45.1	(30.6-60.5)	25.4	(16.6-37.0)	17.1	(10.9-25.8)	28.9	(23.7-34.6)	—		—	
North Carolina	39.6	(28.9-51.4)	22.1	(16.2-29.4)	10.0	(6.9-14.5)	24.4	(18.9-30.8)	19.2	(11.6-30.1)	23.0	(13.8-35.6)
Ohio	31.1	(21.1-43.2)	20.6	(15.1-27.4)	15.1	(10.5-21.2)	24.2	(19.5-29.5)	—		—	
Pennsylvania	34.8	(28.2-42.0)	25.8	(21.8-30.4)	11.2	(8.7-14.2)	25.0	(22.1-28.2)	20.7	(13.7-30.1)	14.5	(8.2-24.4)
South Carolina	41.9	(33.4-50.9)	31.1	(25.6-37.1)	14.1	(10.7-18.4)	32.4	(27.8-37.3)	16.9	(12.7-22.0)	—	
Tennessee	—		17.1	(11.4-24.6)	7.5	(4.8-11.5)	15.1	(9.5-23.1)	—		—	
Texas	32.7	(18.8-50.5)	26.4	(17.6-37.5)	14.0	(8.7-21.7)	24.8	(15.9-36.5)	—		27.1	(18.3-38.0)
Utah	28.2	(19.9-38.4)	23.5	(18.0-30.1)	12.3	(8.7-17.1)	22.8	(18.9-27.3)	0		—	
Vermont	51.6	(39.9-63.2)	33.8	(26.4-42.1)	11.8	(8.3-16.6)	29.5	(24.8-34.6)	—		—	

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† Arizona, Connecticut, Kentucky, Massachusetts, Mississippi, New York (data collected April 2013-March 2014), Ohio, Texas, Utah, and Vermont.

§ Pennsylvania and Colorado.

¶ Florida, Missouri, North Carolina, South Carolina, and Tennessee.

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†† Moderately effective contraceptive methods include shots, pills, patch, and vaginal ring.

§§ Less effective contraceptive methods include diaphragm, condoms (male or female), cervical cap, sponge, withdrawal, spermicide, fertility-based awareness methods, emergency contraception, and “other.” Respondents answering “other” were given the opportunity to write in a response, which was evaluated and re-classified into existing contraceptive method options as appropriate. For Connecticut, Kentucky, Massachusetts, Mississippi, Ohio, Texas and Utah, text responses for “other” contraception were evaluated and re-classified into appropriate categories when possible. The text field was not available for other states.

¶¶ Other non-Hispanic race/ethnicity not shown due to small sample size.

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Note: Women using permanent contraception were included in the denominator for all estimates.

Appendix A, continued. Use of contraception at last sexual intercourse by age and race/ethnicity among women aged 18-44 years at risk for unintended pregnancy* — selected states where mosquito-borne transmission may be possible — 10 states† with state-added questions on reproductive health, Behavioral Risk Factor Surveillance System (BRFSS), 2013, 2 states§ with state-added questions on reproductive health, BRFSS, 2012 and 5 states¶ with state-added questions on reproductive health, BRFSS, 2011

State	Less effective§§											
	Age (years)						Race/ethnicity¶¶					
	18-24		25-34		35-44		Non-Hispanic White		Non-Hispanic black		Hispanic	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Arizona	33.9	(19.3-52.5)	22.3	(14.1-35.8)	18.7	(10.8-30.4)	22.5	(14.9-32.5)	0		26.6	(15.6-41.6)
Colorado	—***		17.4	(12.3-24.1)	13.7	(9.8-18.8)	15.8	(12.1-20.3)	—		21.8	(14.0-32.3)
Connecticut	30.2	(17.3-47.2)	28.8	(20.0-39.5)	13.9	(9.6-19.5)	20.7	(14.5-28.8)	30.7	(17.6-47.8)	27.8	(15.6-44.5)
Florida	—		25.7	(19.0-33.8)	14.1	(10.2-19.2)	22.1	(16.7-28.6)	—		—	
Kentucky	30.6	(22.7-39.8)	17.3	(12.3-23.9)	9.6	(6.7-13.4)	16.6	(13.3-20.5)	23.3	(12.5-39.2)	—	
Massachusetts	23.4	(14.4-35.7)	19.0	(13.5-26.2)	18.9	(13.7-25.4)	17.3	(13.4-22.0)	—		—	
Mississippi	40.5	(29.0-53.0)	24.4	(17.4-33.1)	14.0	(8.9-21.2)	14.1	(9.6-20.2)	37.3	(29.4-46.0)	—	
Missouri	38.5	(23.9-55.6)	25.6	(17.3-36.1)	12.7	(7.7-20.2)	20.7	(15.2-27.6)	35.3	(19.5-55.2)	—	
New York	26.6	(16.5-39.9)	30.6	(20.8-42.5)	21.2	(15.2-28.7)	24.5	(19.8-29.8)	—		23.9	(13.0-39.9)
North Carolina	32.2	(22.2-44.2)	28.0	(21.2-36.1)	14.3	(10.1-18.7)	19.3	(14.4-25.5)	34.3	(24.4-45.7)	19.7	(11.6-31.4)
Ohio	27.0	(16.7-40.6)	20.0	(13.8-28.2)	10.7	(7.3-15.4)	13.7	(10.3-18.1)	28.9	(15.7-47.0)	—	
Pennsylvania	36.2	(28.8-44.3)	23.0	(18.8-27.7)	18.6	(15.2-22.6)	23.2	(20.3-26.4)	29.5	(21.6-38.8)	27.8	(14.9-45.7)
South Carolina	28.4	(21.8-36.1)	22.3	(18.0-27.2)	15.7	(12.4-19.7)	16.3	(13.2-19.8)	31.6	(26.3-37.4)	—	
Tennessee	—		16.9	(10.4-26.3)	12.6	(7.4-20.5)	14.4	(9.6-21.0)	—		—	
Texas	30.9	(17.9-47.8)	15.6	(8.7-26.6)	10.8	(6.5-17.2)	9.6	(5.8-15.7)	—		18.1	(10.5-29.2)
Utah	35.5	(25.9-46.4)	19.1	(13.8-25.7)	15.0	(10.9-20.2)	20.5	(16.9-24.6)	0		26.5	(16.1-40.5)
Vermont	25.0	(15.9-36.9)	22.6	(16.7-29.6)	16.3	(12.3-21.4)	20.9	(17.0-25.4)	0		—	

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	None											
	Age (years)						Race/ethnicity¶¶					
	18-24		25-34		35-44		Non-Hispanic White		Non-Hispanic black		Hispanic	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
<i>State</i>												
Arizona	36.0	(21.4-53.7)	24.2	(14.8-37.1)	35.1	(24.8-47.1)	31.1	(22.0-42.0)	—		33.6	(21.8-47.8)
Colorado	18.5	(10.3-30.8)	14.4	(9.6-21.2)	16.0	(11.9-21.1)	13.4	(10.1-17.5)	—		18.7	(11.7-28.5)
Connecticut	—***		21.0	(13.3-31.7)	33.3	(24.9-42.9)	21.4	(15.9-28.2)	21.7	(11.7-36.7)	31.9	(17.0-51.7)
Florida	—		26.3	(19.3-34.7)	31.4	(24.7-39.0)	27.9	(22.2-34.5)	—		—	
Kentucky	20.5	(14.3-28.5)	23.6	(17.3-31.2)	23.7	(17.9-30.6)	23.8	(19.8-28.4)	—		—	
Massachusetts	33.5	(21.0-48.8)	35.0	(25.4-46.1)	23.0	(18.0-28.9)	28.7	(21.8-36.8)	—		36.6	(23.5-52.0)
Mississippi	18.7	(11.1-29.9)	17.5	(11.7-25.3)	20.0	(13.9-27.7)	23.5	(17.2-31.1)	14.8	(10.5-20.3)	0	
Missouri	—		26.8	(17.7-38.5)	25.2	(19.1-32.5)	24.9	(19.1-31.7)	—		—	
New York	22.8	(12.3-38.3)	17.5	(11.0-26.7)	26.8	(20.5-34.1)	20.5	(16.4-25.4)	—		30.2	(18.4-45.4)
North Carolina	24.0	(15.8-34.8)	18.7	(13.1-25.9)	30.0	(24.0-36.8)	22.9	(18.1-28.4)	25.0	(16.7-35.7)	30.6	(19.5-44.5)
Ohio	30.3	(20.3-42.6)	30.0	(22.7-38.5)	28.1	(22.8-34.0)	28.6	(23.8-33.9)	34.8	(22.0-50.1)	—	
Pennsylvania	20.1	(14.8-26.8)	25.1	(19.5-31.8)	25.7	(21.8-30.0)	21.2	(18.4-24.4)	32.0	(23.4-42.0)	26.5	(15.4-41.7)
South Carolina	23.9	(17.0-32.6)	20.0	(15.8-24.9)	24.5	(20.1-29.6)	18.2	(14.9-21.9)	29.9	(24.2-36.4)	—	
Tennessee	—		31.8	(22.6-42.8)	35.6	(27.6-44.4)	32.3	(24.6-41.0)	32.2	(20.2-47.1)	—	
Texas	31.5	(18.8-47.6)	26.5	(17.6-37.8)	22.5	(14.0-34.0)	22.6	(14.0-34.4)	—		29.8	(20.7-40.9)
Utah	19.0	(11.7-29.3)	17.1	(12.4-23.2)	20.9	(15.5-27.5)	17.0	(13.6-21.1)	—		22.2	(13.2-34.8)
Vermont	14.2	(7.7-24.6)	11.0	(6.9-17.1)	12.0	(8.6-16.6)	12.5	(9.5-16.3)	—		0	

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